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CENTRAL FAX CENTER****JUN 23 2008****Remarks**

Applicant respectfully requests that this Amendment After Final Action be admitted under 37 C.F.R. § 1.116.

Applicant submits that this Amendment presents claims in better form for consideration on appeal. Furthermore, applicant believes that consideration of this Amendment could lead to favorable action that would remove one or more issues for appeal.

Claims 1, 23, 27 and 28 have been amended. No claims have been canceled. Therefore, claims 1-29 are now presented for examination.

Claim 1 stands rejected under 35 U.S.C. §102(b) as being anticipated by Horiguchi et al. (U.S. Patent No. 4,561,103). Applicant submits that the present claims are patentable over Horiguchi.

Horiguchi discloses a technique for inspecting picture patterns on prints which are being run in a rotary press, and more particularly to a method in which reference data read out of a reference print is written in a memory, and inspection data read out of a print under inspection is compared with the reference data for every picture element for instance to determine whether or not the print is acceptable, and an apparatus for practicing the method. The specific feature of the invention resides in that (1) in reading the above-described data a print running speed or the position of a picture pattern in the direction of width is detected to rewrite the reference data, (2) in data comparison, the comparison level is optionally set up, and (3) the data comparison is carried out not only for every picture element, but also for the sum of picture elements over the entire picture

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pattern and for the sum of picture elements arranged linearly in the print running direction. See Horiguchi at Abstract.

Claim 1 of the present application recites an alignment process that uses an affine transform to compute points of interest in a scanned image that correspond to each pel location in a digitized source image. Applicant submits that Horiguchi does not disclose an alignment process that uses an affine transform to compute points of interest in a scanned image that correspond to each pel location in a digitized source image. Therefore, claim 1 is patentable over Horiguchi.

Claims 2-10 and 11-29 stand rejected under 35 U.S.C. §102(b) as being anticipated by Hansen et al. (U.S. Patent No. 7,013,803). Applicant submits that the present claims are patentable over Hansen.

Hansen discloses a color registration control system for a printing press including an area scanner for acquiring an image of a paper substrate and an image processing system adapted to receive the image and process the image to determine any color register error. See Hansen at Abstract.

Claim 2 of the present application recites a digital printer that converts digitized source images into one or more printed copies. Applicant submits that Hansen does not disclose a digital printer. The Final Office Action asserts that Hansen discloses a digital printer at col. 4, ll. 51-52. See Final Office Action at Page 5, paragraph 3. However, the section relied upon discloses a printing press. Applicant respectfully submits that a printing press is not a digital printer.

Additionally, Hansen fails to disclose, or reasonably suggest, an alignment process that creates an initial replacement image from a scanned image. The Office

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Action maintains that Figure 7 and column 7, lines 13-28 of Hansen discloses an alignment process. See Office Action at page 4, at lines 3-8.

Applicant respectfully submits that the relied upon portions of Hansen does not disclose or suggest an alignment process that creates an initial replacement image from a scanned image and aligns the replacement scanned image with a digitized source image. Figure 7 and the corresponding text of Hansen discloses a predefined register mark pattern printed to measure positions of color register marks. The pattern 306 includes four marks of one ink color and one mark of each of the other three ink colors, however, other patterns can also be utilized. Such register marks cannot reasonably construed as a replacement image from a scanned image that is aligned with a digitized source image. For the foregoing reasons, claim 2 and its dependent claims are patentable over Hansen.

Claim 23 of the present application recites embedding two or more synchronization-strips into a digitized source image to form a marked source image to locate lines in a first stream of the digitized source image with a second stream of the digitized source image. Applicant submits that nowhere in Hansen is there disclosed a process of embedding synchronization-strips into a digitized source image to form a marked source image to locate lines in a first stream of the digitized source image with a second stream of the digitized source image. Thus, claim 23 and its dependent claims are patentable over Hansen.

Independent claims 27 and 28 include limitations similar to those recited in claim 23. Therefore claims 27 and 28 are patentable over Hansen for reasons similar to those discussed above with respect to claim 23.

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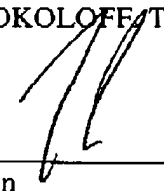
Applicant respectfully submits that the rejections have been overcome, and that the claims are in condition for allowance. Accordingly, applicant respectfully requests the rejections be withdrawn and the claims be allowed.

The Examiner is requested to call the undersigned at (303) 740-1980 if there remains any issue with allowance of the case.

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,  
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Date: April 11, 2008

  
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